



Attorney's Docket No.: 13445-007001 / OG5 (6065A)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Max Schurgalin et al.

Art Unit : Unknown

Serial No. : 10/090,903

Examiner : Unknown

Filed : March 5, 2002

Title : OPTICAL WAVEGUIDE MONITORING

Commissioner for Patents

Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing attorney docket number 13445-007001.

Respectfully submitted,

Date:

9/19/02

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*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. §10.9(b).

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

September 19, 2002

Signature

Laura Murphy

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Laura Murphy



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This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

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Harry I. Moatz
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13445-007001	Application No. 10/090,903
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Max Schurgalin et al.	
		Filing Date March 5, 2002	Group Art Unit

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,982,816	09/1976	Watkins			
	AB	4,067,651	01/1978	Watkins			
	AC	4,081,258	03/1978	Goell et al.			
	AD	4,236,904	12/1980	Lazay			
	AE	4,583,851	04/1986	Yataki			
	AF	4,678,327	07/1987	Yoshida et al.			
	AG	4,705,354	11/1987	Ulrich			
	AH	4,794,249	12/1988	Beckmann, et al.			
	AI	5,185,636	02/1993	Button et al.			
	AJ	5,305,078	04/1994	Lamonde			
	AK	5,534,994	07/1996	Hanson et al.			
	AL	5,844,235	12/1998	Tachikawa, et al.			
	AM	6,008,487	12/1999	Tachikawa, et al.			
	AN						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AO							
	AP							
	AQ							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AR	T. A. Birks et al., "Full 2-D photonic bandgaps in silica/air structure," Electronics Letters, Vol. 31, No. 22, pp. 1941-1943, October 26, 1995.
	AS	Y. Fink et al., "Guiding optical light in air using an all-dielectric structure," Journal of Lightwave Technology, Vol. 17, No. 11, pp. 2039-2041, November 1999.
	AT	Stig E. Barkou et al., "Silica-air photonic crystal fiber design that permits waveguiding by a true photonic bandgap effect," Optics Letters, Vol. 24, No. 1, pp. 46-48, January 1, 1999.
	AU	J. C. Knight et al., "Photonic band gap guidance in optical fibers," Science, Vol. 282, pp. 1476-1478, November 20, 1998.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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		Filing Date March 5, 2002	Group Art Unit

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AV	2001 OmniGuide Long-Haul Fiber, OmniGuide Communications Inc., Cambridge, MA
	AW	P. Yeh et al., "Theory of Bragg fiber", J. Opt. Soc. Am., Vol. 68, pp. 1196, 1978.
	AX	Abushagaur M.A. G. et al., Applied Optics, Vol. 19, pp. 2031, 1980.
	AY	C. Martijn de Sterke et al., "Differential losses in Bragg fibers," J. Appln. Phys., 76 (2), pp. 680-688, July 15, 1994.
	AZ	Steven G. Johnson et al., "Low-loss effectively single-mode propagation in large-core OmniGuide fibers."
	AAA	J. C. Knight, et al., "Properties of photonic crystal fiber and the effective index model", J. Opt. Soc. Am. A, 15 (3): 748-752 (1998).
	ABB	R. F. Cregan, et al., "Single-mode photonic band gap guidance of light in air", Science, 285: 1537-1539 (1999).
	ACC	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	